

Title (en)

MULTIPLEXING DEMODULATION REFERENCE SIGNALS AND SYNCHRONIZATION SIGNALS IN NEW RADIO

Title (de)

MULTIPLEXEN VON DEMODULATIONSPREFERENZSIGNALEN MIT SYNCHRONISATIONSSIGNALEN IN NEW RADIO

Title (fr)

MULTIPLEXAGE DE SIGNAUX DE RÉFÉRENCE DE DÉMODULATION ET SYNCHRONISATION DE SIGNAUX NEW RADIO

Publication

**EP 3656075 A1 20200527 (EN)**

Application

**EP 18752350 A 20180720**

Priority

- GR 20170100344 A 20170721
- US 201816040134 A 20180719
- US 2018043112 W 20180720

Abstract (en)

[origin: US2019028252A1] Certain aspects of the present disclosure relate to methods and apparatus methods and apparatus for multiplexing demodulation reference signals (DMRS) and synchronization signals (SS) in new radio (NR). An exemplary method that may be performed by a base station (BS) includes determining transmission resources, in a set of slots, to be used for first demodulation reference signals (DMRS), based on whether synchronization signals (SS) are to be transmitted in the set of slots, and transmitting the first DMRS using the transmission resources in the set of slots.

IPC 8 full level

**H04L 5/00** (2006.01)

CPC (source: EP KR US)

**H04J 11/0023** (2013.01 - EP US); **H04L 5/0023** (2013.01 - EP KR US); **H04L 5/0048** (2013.01 - EP US); **H04L 5/005** (2013.01 - EP KR); **H04L 5/0051** (2013.01 - EP KR); **H04L 5/0053** (2013.01 - EP KR); **H04L 5/0091** (2013.01 - EP US); **H04J 11/0073** (2013.01 - EP US); **H04J 11/0076** (2013.01 - EP US); **H04L 5/001** (2013.01 - EP US); **H04W 72/23** (2023.01 - US)

Citation (search report)

See references of WO 2019018778A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2019028252 A1 20190124**; AU 2018304474 A1 20191219; BR 112020000884 A2 20200721; CN 110945818 A 20200331; EP 3656075 A1 20200527; JP 2020528688 A 20200924; KR 20200026899 A 20200311; TW 201909676 A 20190301; TW I756450 B 20220301; US 2021058211 A1 20210225

DOCDB simple family (application)

**US 201816040134 A 20180719**; AU 2018304474 A 20180720; BR 112020000884 A 20180720; CN 201880047968 A 20180720; EP 18752350 A 20180720; JP 2020502145 A 20180720; KR 20207001586 A 20180720; TW 107125113 A 20180720; US 202017090258 A 20201105